

PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Plague-prevention work in California.

Surgeon Blue reports:

SAN FRANCISCO, CAL.

Last case of human plague: Sickened, January 30, 1908.

Last case of rodent plague: Trapped, October 23, 1908.

Week ended November 13.

Premises inspected.....	188
Houses destroyed.....	1
Nuisances abated.....	26
Rats trapped.....	1,702
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Rats identified:	
Mus norvegicus.....	1,280
Mus rattus.....	88
Mus musculus.....	288
Mus alexandrinus.....	46
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Total.....	1,702
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Rats examined bacteriologically.....	1,259
Rats found infected with <i>B. pestis</i>	0
Total number of rats found infected to date.....	398
Poisons placed.....	1,100

OAKLAND, CAL.

Last case of human plague: Sickened, October 26, 1909.

Last case of rodent plague: Found, December 1, 1908.

Week ended November 13.

Dead inspected.....	39
Plague.....	0
Necropsies held.....	6
Rats found dead.....	22
Rats trapped.....	655
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Rats identified:	
Mus norvegicus.....	624
Mus rattus.....	2
Mus musculus.....	50
Mus alexandrinus.....	1
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Total.....	677
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Rats examined bacteriologically.....	627
Rats found infected with <i>B. pestis</i>	0

POINT RICHMOND, CAL.

Week ended November 13.

Dead inspected.....	4
Plague.....	0

ALAMEDA COUNTY, CAL. (EXCLUSIVE OF OAKLAND).

Last case of human plague: Sickened, 2 miles southwest of Sunol, September 24, 1909.

Last case of rodent plague: Found, October 30, 1909.

Week ended November 13.

Dead inspected.....	73
Plague.....	0
Necropsies held.....	6
Ranches inspected.....	3
Ground squirrels shot.....	19
Ground squirrels examined bacteriologically.....	16
Ground squirrels found infected with <i>B. pestis</i>	0
Wood rats examined bacteriologically.....	11
Wood rats found infected with <i>B. pestis</i>	1
Total number of ground squirrels found infected to date.....	53
Total number of wood rats found infected to date.....	1

Plague-infected wood rat obtained from the following place:

Frates ranch.....	1
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CONTRA COSTA COUNTY, CAL. (EXCLUSIVE OF POINT RICHMOND).

Last case of human plague: Sickened, July 21, 1908.

Last case of rodent plague: Found, September 27, 1909.

Total number of ground squirrels found infected to date.....	240
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FRESNO COUNTY, CAL.

No record of human or rodent plague in Fresno County.

Week ended November 13.

Ranches inspected.....	3
Ground squirrels shot.....	35
Ground squirrels found dead.....	4
Ground squirrels examined bacteriologically.....	34
Ground squirrels found infected with <i>B. pestis</i>	0

KERN COUNTY, CAL.

No record of human or rodent plague in Kern County.

Week ended November 13.

Ranches inspected.....	1
Ground squirrels shot.....	10
Ground squirrels examined bacteriologically.....	9
Ground squirrels found infected with <i>B. pestis</i>	0

MERCED COUNTY, CAL.

No record of human or rodent plague in Merced County.

Week ended November 13.

Ranches inspected.....	32
Ground squirrels shot.....	352
Rabbits shot.....	3
Ground squirrels examined bacteriologically.....	341
Rabbits examined bacteriologically.....	2

MONTEREY COUNTY, CAL.

No record of human or rodent plague in Monterey County.

Week ended November 13.

Ranches inspected.....	15
Ground squirrels shot.....	111
Ground squirrels examined bacteriologically.....	99
Ground squirrels found infected with <i>B. pestis</i>	0

SAN BENITO COUNTY, CAL.

No record of human plague.

Date of last case of rodent plague: Found October 15, 1909.

Week ended November 13.

Ranches inspected.....	5
Ground squirrels shot.....	70
Ground squirrels examined bacteriologically.....	65
Ground squirrels found infected with <i>B. pestis</i>	0
Total number of ground squirrels found infected to date.....	1

SAN JOAQUIN COUNTY, CAL.

No record of human or rodent plague in San Joaquin County.

Week ended November 13.

Ranches inspected.....	1
Ground squirrels shot.....	10
Ground squirrels examined bacteriologically.....	8

SAN LUIS OBISPO COUNTY, CAL.

No record of human or rodent plague in San Luis Obispo County.

Week ended November 13.

Ranches inspected.....	11
Ground squirrels shot.....	49
Ground squirrels found dead.....	1
Rabbits shot.....	2
Ground squirrels examined bacteriologically.....	47
Ground squirrels found infected with <i>B. pestis</i>	0

SANTA BARBARA COUNTY, CAL.

No record of human or rodent plague in Santa Barbara County.

Week ended November 13.

Ranches inspected.....	11
Ground squirrels shot.....	30
Ground squirrels examined bacteriologically.....	27
Ground squirrels found infected with <i>B. pestis</i>	0

SANTA CLARA COUNTY, CAL.

No record of human plague in Santa Clara County.

Last case of rodent plague: Found November 3, 1909.

Week ended November 6.

Ranches inspected.....	25
Ground squirrels shot.....	605
Ground squirrels examined bacteriologically.....	591
Ground squirrels found infected with <i>B. pestis</i>	6
Total number of ground squirrels found infected to date.....	9

Plague-infected ground squirrels obtained from the following places:

October 27, 1909.

Kooser ranch, Pioneer..... 2

October 30, 1909.

Leo ranch, Hacienda..... 1

Rogers ranch, Llagas..... 1

November 3, 1909.

Bannister's ranch, Gilroy..... 1

Morrow ranch, Evergreen..... 1

Week ended November 13.

Ranches inspected.....	17
Ground squirrels shot.....	232
Rabbits shot.....	2
Ground squirrels examined bacteriologically.....	225
Ground squirrels found infected with <i>B. pestis</i>	0
Total number of ground squirrels found infected to date.....	9

SANTA CRUZ COUNTY, CAL.

No record of human or rodent plague in Santa Cruz County.

Week ended November 13.

Ranches inspected.....	12
Ground squirrels shot.....	46
Ground squirrels examined bacteriologically.....	41
Ground squirrels found infected with <i>B. pestis</i>	0

TULARE COUNTY, CAL.

Week ended November 13.

Ranches inspected.....	8
Ground squirrels shot.....	11
Rabbits shot.....	2
Ground squirrels examined bacteriologically.....	10
Ground squirrels found infected with <i>B. pestis</i>	0
Rabbits examined bacteriologically.....	2
Rabbits found infected with <i>B. pestis</i>	0

VENTURA COUNTY, CAL.

No record of human or rodent plague in Ventura County.

Week ended November 13.

Ranches inspected.....	1
Ground squirrels shot.....	10
Ground squirrels examined bacteriologically.....	9
Ground squirrels found infected with <i>B. pestis</i>	0

Smallpox in the United States.

This table includes cases and deaths reported to the Surgeon-General of the Public Health and Marine-Hospital Service from June 26 to December 3, 1909. For reports received from December 25, 1908, to June 25, 1909, see Public Health Reports for June 25, 1909. In accordance with custom the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile.....	Oct. 17-23.....	1		
Total for State.....		1		
California, general	Aug. 1-31.....		2	
Berkeley.....	July 25-31.....	1		
Hobart Mills.....	Apr. 1-30.....	1	3	
Sacramento.....	June 6-Oct. 23.....	2		
San Francisco.....	June 6-Nov. 13.....	3		
Truckee.....	Mar. 23.....	3		
Total for State.....		10	2	
Colorado:				
Adams County.....	Apr. 1-June 30.....	5		
Boulder County.....	Apr. 1-June 30.....	8		
Clear Creek County.....	Apr. 1-June 30.....	1		
Denver County—				
Denver.....	Apr. 1-June 30.....	10		
El Paso County.....	Apr. 1-June 30.....	3		
Fremont County.....	Apr. 1-June 30.....	13		
Grand County.....	Apr. 1-June 30.....	1		
Huerfano County.....	Apr. 1-June 30.....	24		
Larimer County.....	Apr. 1-June 30.....	4		
Las Animas County.....	Apr. 1-June 30.....	1		
Mesa County.....	Apr. 1-June 30.....	20		
Montrose County.....	Apr. 1-June 30.....	2		
Morgan County.....	Apr. 1-June 30.....	17		
Otero County.....	Apr. 1-June 30.....	1		
Pueblo County.....	Apr. 1-June 30.....	8		
Rio Grande County.....	Apr. 1-June 30.....	1		
San Miguel County.....	Apr. 1-June 30.....	4		
Weld County.....	Apr. 1-June 30.....	1		
Total for State.....		124		
Connecticut:				
Bridgeport.....	Oct. 2.....	1		
New Haven.....	May 1-31.....	1		
Total for State.....		2		
District of Columbia:				
Washington.....	Aug. 8-Oct. 23.....	9		
Total for District.....		9		
Georgia:				
Macon.....	June 14-Nov. 14.....	25		
Total for State.....		25		
Illinois:				
Alexander County—				
Cairo.....	May 1-June 30.....	25		
Bureau County.....	Aug. 1-31.....	1		
Champaign County.....	Apr. 1-May 31.....	25		
Christian County.....	Apr. 1-May 31.....	35		
Clay County.....	Apr. 1-30.....	1		
Clinton County.....	Apr. 1-June 30.....	7		
Cook County—				
Chicago.....	June 20-Nov. 13.....	10		
Dewitt County.....	May 1-31.....	7		
Edwards County.....	Apr. 1-May 31.....	3		
Efingham County.....	Apr. 1-30.....	2		
Fayette County.....	May 1-31.....	2		
Franklin County.....	Apr. 1-May 31.....	2		
Fulton County.....	Apr. 1-June 30.....			Present.
Gallatin County.....	Apr. 1-May 31.....	16		
Iroquois County.....	May 1-31.....	1		
Jackson County.....	Apr. 1-May 31.....	14		
Murphysboro.....	Apr. 1-May 31.....	40		
Knox County.....	Apr. 1-30.....	8		
Lake County.....	Apr. 1-July 31.....	14		
LaSalle County.....	Apr. 1-30.....	3		
McDonough County.....	Apr. 1-30.....	25		
Hell Henry County—				
Marengo.....	May 1-June 30.....	97		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
Macoupin County.....	Apr. 1-May 31.....	6		
McLean County.....	June 1-30.....	1		
Madison County.....	May 1-June 30.....	2		
Marion County.....	Apr. 1-June 30.....	14		
Menard County.....	Aug. 1-31.....	5		
Massac County—				
Metropolis.....	Apr. 1-May 31.....	29		
Montgomery County.....	May 1-June 30.....	2		
Peoria County.....	Apr. 1-June 30.....	13		
Peoria.....	June 1-Sept. 31.....	54		
Perry County.....	Apr. 1-Aug. 31.....	18		
Pulaski County.....	May 1-31.....	5		
Rock Island County—				
Moline.....	June 1-July 31.....	2		
St. Clair County—				
East St. Louis.....	May 1-June 30.....	11		
Saline County.....	May 1-31.....	30		
Sangamon County.....	Apr. 1-30.....	1		
Springfield.....	May 29-July 9.....	3		
Schuyler County.....	May 1-31.....	1		
Shelby County.....	Apr. 1-July 31.....	3		
Stephenson County.....	May 1-31.....	4		
Tazewell County.....	May 1-31.....	5		
Pekin.....	Apr. 1-Aug. 31.....	78		
Union County.....	Apr. 1-May 31.....	5		
Vermilion County.....	Apr. 1-May 31.....	2		
Danville.....	June 14-Nov. 6.....	15		
Warren County.....	June 1-July 31.....	3		
Will County—				
Joliet.....	July 1-31.....	1		
Williamson County.....	Apr. 1-Aug. 31.....	17		
Winnebago County.....	June 1-30.....	1		
Woodford County.....	Apr. 1-July 31.....	25		
Total for State.....		694		
Indiana:				
Allen County.....	May 1-Aug. 31.....	17		
Fort Wayne.....	June 6-Nov. 13.....	194		
Carroll County.....	June 1-30.....	1		
Clay County.....	June 1-30.....	4		
Dearborn County.....	May 1-31.....	4		
Dekalb County.....	June 1-30.....	1		
Delaware County.....	May 1-31.....	1		
Muncie.....	June 20-Oct. 31.....	13		
Fayette County.....	June 1-30.....	1		
Fountain County.....	July 1-31.....	1	1	
Gibson County.....	May 1-31.....	5		
Grant County.....	May 1-July 31.....	4		
Greene County.....	June 1-July 31.....	4	1	
Marion County—				
Indianapolis.....	June 14-Oct. 24.....	3		
Montgomery County.....	May 1-June 30.....	9		
Parke County.....	May 1-31.....	1		
Pulaski County.....	May 1-31.....	2		
St. Joseph County.....	June 1-30.....	4		
South Bend.....	June 13-Aug. 14.....	5		
Tipton County.....	July 1-31.....	1		
Vanderburg County.....	May 1-June 30.....	26		
Vermilion County.....	May 1-July 31.....	43		
Vigo County.....	June 1-30.....	4		
Wayne County.....	May 1-July 31.....	15	1	
White County.....	May 1-31.....	2		
Total for State.....		365	3	
Iowa:				
Cedar Rapids.....	July 1-Aug. 31.....	2		
Keokuk.....	May 1-31.....	3		
Ottumwa.....	June 1-30.....	1		
Total for State.....		6		
Kansas:				
Allen County.....	May 1-31.....	5		
Atchison County.....	June 1-July 31.....	8		
Brown County.....	June 1-30.....	1		
Chatauqua County.....	May 1-31.....	3		
Cherokee County.....	May 1-31.....	1		
Coffey County.....	May 1-31.....	1		
Comanche County.....	June 1-30.....	3		
Cowley County.....	May 1-31.....	14		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Kansas—Continued.				
Crawford County.....	May 1-31.....	20		
Pittsburg.....	May 1-June 30....	4		
Decatur County.....	June 1-30.....	12	1	
Dickinson County.....	May 1-July 31....	3		
Doniphan County.....	May 1-Aug. 31....	29		
Douglas County.....	May 1-31.....	1		
Elk County.....	May 1-31.....	1		
Ellsworth County.....	June 1-30.....	1		
Franklin County.....	May 1-31.....	5		
Geary County.....	May 1-July 31....	5		
Graham County.....	June 1-30.....	6		
Greenwood County.....	May 1-31.....	3		
Jackson County.....	May 1-June 30....	24		
Jefferson County.....	May 1-31.....	2		
Jewell County.....	May 1-31.....	6		
Kearny County.....	May 1-31.....	1		
Kingman County.....	July 1-31.....	2		
Labette County—				
Parsons.....	May 1-Sept. 30....	11		
Lincoln County.....	July 1-31.....	4		
Lyon County.....	May 1-July 31....	28		
McPherson County.....	July 1-31.....	1		
Marion County.....	July 1-31.....	1		
Marshall County.....	May 1-Aug. 31....	230		
Montgomery County.....	May 1-July 31....	10		
Coffeyville.....	July 1-31.....	1		
Nemaha County.....	June 1-July 31....	11		
Osage County.....	May 1-June 30....	32		
Osborne County.....	May 1-June 30....	11		
Ottawa County.....	May 1-31.....	3		
Phillips County.....	May 1-31.....	1		
Pottawatomie County.....	May 1-July 31....	15		
Pratt County.....	May 1-July 31....	6		
Rawlins County.....	May 1-31.....	13		
Republic County.....	June 1-30.....	5		
Riley County.....	May 1-June 30....	8		
Rooks County.....	July 1-31.....	1		
Rush County.....	June 1-30.....	2		
Russell County.....	June 1-30.....	1		
Saline County.....	May 1-31.....	2		
Scott County.....	Aug. 1-Sept. 30....	2		
Sedgewick County.....	May 1-31.....	11		
Wichita.....	July 11-Aug. 7....	5		
Shawnee County.....	May 1-Aug. 31....	13		
Topeka.....	May 1-Sept. 30....	47		
Smith County.....	May 1-31.....	11		
Sumner County.....	May 1-31.....	3		
Thomas County.....	May 1-31.....	1		
Wabunsee County.....	May 1-31.....	6		
Wyandotte County.....	May 1-31.....	4		
Kansas City.....	June 13-Nov. 13..	12		
Total for State.....		673	1	
Kentucky:				
Covington.....	June 13-July 3....	5		
Lexington.....	June 20-Oct. 30....	17		
Newport.....	June 14-July 25....	4		
Paducah.....	June 13-26.....	3		
Total for State.....		29		
Louisiana:				
New Orleans.....	June 13-Oct. 30....	14		
Total for State.....		14		
Maryland, general.....				
Mar. 1-Apr. 30....		9		
Total for State.....		9		
Massachusetts:				
Boston.....	Sept. 12-Nov. 13..	4	1	
Lawrence.....	June 27-July 3....	1		
Total for State.....		5	1	
Michigan:				
Bay County—				
Bay City.....	June 1-Sept. 30....	4		
Berrien County.....	July 1-Aug. 31....	9		
Branch County.....	July 1-Sept. 30....	7		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Michigan—Continued.				
Calhoun County.....	June 1-30.....	1	.....
Battle Creek.....	Nov. 6-13.....	1	.....
Cass County.....	July 1-Aug. 31....	8	1	
Cheboygan County.....	July 1-31.....	2	.....
Chippewa County.....	May 1-31.....	1	.....
Clinton County.....	Aug. 1-31.....	1	.....
Delta County.....	June 1-30.....	1	.....
Eaton County.....	May 1-Sept. 30....	49	.....
Emmet County.....	June 1-July 31....	2	.....
Genesee County.....	July 1-31.....	1	.....
Gogebic County.....	Aug. 1-31.....	1	.....
Houghton County.....	May 1-Sept. 30....	8	.....
Huron County.....	June 1-30.....	1	.....
Ingham County.....	May 1-31.....	1	.....
Jackson County.....	May 1-31.....	1	.....
Kalamazoo County—				
Kalamazoo.....	July 4-24.....	2	.....
Kent County—				
Grand Rapids.....	June 6-26.....	2	.....
Lapeer County.....	June 1-30.....	1	.....
Livingston County.....	Aug. 1-Sept. 30....	27	.....
Marquette County.....	May 1-Sept. 30....	9	.....
Menominee County.....	July 1-31.....	4	.....
Muskegon County.....	May 1-Sept. 30....	18	.....
Newaygo County.....	June 1-30.....	1	.....
Oceana County.....	May 1-31.....	1	.....
Ottawa County.....	May 1-July 31....	8	.....
Saginaw County.....	May 1-July 31....	20	.....
Saginaw.....	July 25-Oct. 16....	4	.....
St. Clair County.....	May 1-June 30....	4	.....
Schoolcraft County.....	July 1-31.....	4	.....
Manistique.....	June 1-Aug. 31....	41	.....
Tuscola County.....	May 1-31.....	4	.....
Wayne County—				
Detroit.....	May 1-July 31....	2	.....
Total for State.....		251	1	
Minnesota, general.				
Becker County.....	Mar. 1-Apr. 30....	.....	3	
Big Stone County.....	June 15-21.....	5	.....
Carver County.....	June 8-14.....	1	.....
Clay County.....	July 6-Aug. 16....	6	.....
Cottonwood County.....	July 28-Aug. 2....	1	.....
Crawford County.....	July 1-31.....	1	.....
Faribault County.....	Aug. 10-16.....	1	.....
Hennepin County—				
Minneapolis.....	June 7-14.....	2	.....
Hubbard County.....	May 1-June 30....	39	.....
Itasca County.....	May 25-31.....	1	.....
Isasca County.....	May 25-June 14....	7	.....
Lesueur County.....	June 1-7.....	1	.....
McLeod County.....	May 25-July 19....	2	.....
Marshall County.....	June 8-July 5.....	6	.....
Meeker County.....	May 25-31.....	5	.....
Morrison County.....	June 21-Aug. 16....	2	.....
Nobles County.....	May 25-June 21....	2	.....
Olmsted County.....	June 8-14.....	2	.....
Pine County.....	May 25-31.....	1	.....
Ramsey County—				
St. Paul.....	Apr. 1-May 31....	10	.....
Redwood County.....	June 1-7.....	1	.....
Rock County.....	June 1-7.....	1	.....
St. Louis County.....	May 25-June 21....	3	.....
Duluth.....	June 10-Nov. 6....	22	.....
Sibley County.....	June 22-July 19....	4	.....
Stearns County—				
St. Cloud.....	July 13-19.....	1	.....
Steele County.....	May 25-June 21....	3	.....
Swift County.....	July 20-26.....	1	.....
Wabasha County.....	May 25-31.....	2	.....
Wadena County.....	May 25-July 19....	11	.....
Waseca County.....	May 25-31.....	8	.....
Wright County.....	June 15-Aug. 16....	10	.....
Total for State.....		162	3	
Mississippi:				
Holly Springs.....	Nov. 1-6.....	3	.....
Total for State.....		3	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Missouri:				
Kansas City.....	June 13-26.....	2		
St. Joseph.....	May 30-July 24....	19		
St. Louis.....	June 20-Nov. 13....	10		
Total for State.....		31		
Montana:				
Carbon County.....	June 1-July 31....	6		
Cascade County—				
Great Falls.....	June 1-30.....	1		
Chouteau County.....	June 1-30.....	1		
Custer County.....	June 1-30.....	1		
Dawson County.....	May 1-Sept. 30....	7		
Deerlodge County.....	May 1-31.....	1		
Fergus County.....	June 1-30.....	1		
Flathead County.....	May 1-31.....	4		
Gallatin County.....	May 1-31.....	4		
Jefferson County.....	May 1-31.....	2		
Lewis and Clark County—				
Helena.....	May 1-31.....	1		
Missoula County—				
Missoula.....	June 1-Aug. 31....	6		
Park County.....	May 1-June 30....	21		
Livingston.....	May 1-Aug. 31....	14		
Sanders County.....	May 1-31.....	1		
Silverbow County.....	June 1-Sept. 30....	25		
Butte.....	June 11-Nov. 11....	62		
Teton County.....	May 1-31.....	1		
Valley County.....	May 1-31.....	1		
Yellowstone County.....	May 1-July 31....	7		
Total for State.....		167		
Nebraska:				
Lincoln.....	May 1-July 31....	34		
Total for State.....		34		
New Jersey:				
Newark.....	Sept. 19-25.....	1		
Total for State.....		1		
New York, general.....	May 1-Aug. 31....	462		
Buffalo.....	Oct. 3-Nov. 13....	4		
Total for State.....		466		
North Carolina:				
Beaufort County.....	June 1-30.....	1		
Bladen County.....	Apr. 1-30.....	5		
Buncombe County.....	Apr. 1-30.....	1		
Caldwell County.....	Apr. 1-June 30....	19		
Camden County.....	Apr. 1-June 30....	70		
Carteret County.....	Apr. 1-30.....	1		
Craven County.....	Apr. 1-Aug. 31....	10		
Cumberland County.....	May 1-Aug. 31....	2		
Davie County.....	Aug. 1-31.....	1		
Duplin County.....	Apr. 1-Aug. 31....	35		
Harnett County.....	June 1-July 31....	7		
Johnston County.....	Apr. 1-July 31....	3		
Jones County.....	Aug. 1-31.....	8		
Lee County.....	Apr. 1-30.....	6		
Lenoir County.....	July 1-Aug. 31....	6		
Madison County.....	May 1-June 30....	7		
Mecklenburg County.....	May 1-31.....	2		
Charlotte.....	Sept. 26-Nov. 20....	17		
Mitchell County.....	July 1-31.....	8		
Montgomery County.....	July 1-31.....	10		
Nash County.....	June 1-30.....	1		
Onslow County.....	Apr. 1-30.....	2		
Pamlico County.....	May 1-31.....	4		
Pasquotank County.....	Apr. 1-May 31....	15		
Pitt County.....	Apr. 1-June 30....	17		
Robeson County.....	June 1-July 31....	14		
Rowan County.....	May 1-July 31....	17		
Sampson County.....	Apr. 1-June 30....	51		
Transylvania County.....	May 1-31.....	5		
Wake County.....	Apr. 1-Aug. 31....	3		
Watauga County.....	June 1-Aug. 31....	38		
				Apr. 1-30, present.
				In extreme northern part.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Wayne County.....	May 1-31.....	14	.....
Wilson County.....	Apr. 1-30.....	1	.....
Yancey County.....	Apr. 1-Aug. 31.....	10	.....
Total for State.....		411	.....
North Dakota:				
Bottineau County.....	May 1-July 31.....	2	.....
Cass County.....	July 1-31.....	2	.....
Emmons County.....	July 1-31.....	3	.....
Grand Forks County.....	May 1-July 31.....	13	.....
Henry County.....	Aug. 1-31.....	5	.....
Lamoure County.....	May 1-June 30.....	3	.....
McHenry County.....	May 1-31.....	1	.....
Stutsman County.....	June 1-July 31.....	15	.....
Walsh County.....	June 1-30.....	2	.....
Ward County.....	May 1-July 31.....	11	.....
Total for State.....		57	.....
Ohio:				
Cincinnati.....	June 12-Oct. 9.....	5	.....
Columbus.....	Sept. 12-18.....	1	.....
Dayton.....	July 18-Oct. 23.....	21	1	
Springfield.....	Oct. 10-30.....	15	.....
Toledo.....	July 25-Aug. 7.....	2	.....
Total for State.....		44	1	
Oklahoma:				
Coal County.....	Aug. 1-31.....	3	.....
Ellis County.....	Aug. 1-31.....	1	.....
Kay County.....	Aug. 1-31.....	5	.....
Kiowa County.....	Aug. 1-31.....	4	.....
Muskogee County.....	Aug. 1-31.....	1	.....
Oklahoma County— Oklahoma.....	Apr. 3-Aug. 21.....	51	1	
Washington County.....	Aug. 1-31.....	1	.....
Total for State.....		66	1	
Oregon:				
Cass County.....	July 1-31.....	8	.....
Clackamas County.....	May 1-June 30.....	3	.....
Coos County.....	June 1-30.....	1	.....
Lane County.....	July 1-31.....	1	.....
Linn County.....	July 1-31.....	2	.....
Marion County.....	May 1-Aug. 31.....	14	.....
Multnomah County.....	May 1-June 30.....	3	.....
Portland.....	Apr. 1-Sept. 30.....	48	.....
Tillamook County.....	July 1-31.....	1	.....
Umatilla County.....	June 1-30.....	2	.....
Union County.....	June 1-30.....	1	.....
Washington County.....	May 1-June 30.....	14	.....
Yamhill County.....	June 1-Aug. 31.....	4	.....
Total for State.....		102	.....
Pennsylvania:				
Philadelphia.....	July 10-24.....	4	.....
Total for State.....		4	.....
Tennessee:				
Knoxville.....	June 20-Aug. 21.....	7	.....
Memphis.....	Nov. 1-6.....	3	.....
Total for State.....		10	.....
Texas:				
Anderson County.....	Aug. 1-31.....	5	.....
Archer County.....	June 1-30.....	1	.....
Baylor County.....	June 1-30.....	22	.....
Bee County.....	June 1-30.....	6	.....
Bexar County.....	June 1-July 31.....	1	1	
San Antonio.....	June 13-Oct. 2.....	14	.....
Bowie County.....	June 1-30.....	7	.....
Cameron County.....	June 1-30.....	1	.....
Cherokee County.....	June 1-30.....	1	.....
Childress County.....	June 1-30.....	4	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Texas—Continued.				
Concho County.....	Aug. 1-31.....	2	.....
Ellis County.....	May 1-June 30.....	2	.....
Galveston County.....	June 1-30.....	1	.....
Galveston.....	June 19-25.....	1	.....
Gonzales County.....	May 1-June 30.....	6	2	
Grayson County.....	June 1-30.....	9	.....
Harris County.....	June 1-30.....	12	.....
Houston.....	Mar. 28-June 19.....	17	.....
Harrison County.....	June 1-Aug. 31.....	17	.....
Hays County.....	July 1-31.....	8	.....
Henderson County.....	June 1-July 31.....	30	.....
Jefferson County.....	May 1-June 30.....	3	.....
Jones County.....	June 1-30.....	2	.....
Kinney County.....	June 1-30.....	1	1	
Lamar County.....	June 1-Aug. 31.....	27	.....
Matagorda County.....	May 1-Aug. 31.....	11	.....
McLennan County.....	June 1-30.....	19	.....
Milam County.....	June 1-30.....	5	.....
Runnels County.....	May 1-July 31.....	26	.....
San Saba County.....	Apr. 9-June 30.....	11	.....
Smith County.....	June 1-30.....	10	.....
Stephens County.....	June 1-30.....	33	1	
Tarrant County.....	May 1-June 30.....	19	3	
Fort Worth.....	June 1-July 31.....	5	.....
Travis County.....	May 1-June 30.....	19	.....
Upshur County.....	May 1-Aug. 31.....	52	.....
Van Zandt County.....	May 1-June 30.....	6	.....
Victoria County.....	Aug. 1-31.....	6	.....
Webb County—				
Laredo.....	June 19.....	1	.....
Wharton County.....	June 1-30.....	2	.....
Wichita County.....	June 1-30.....	5	.....
Williamson County.....	June 1-Aug. 31.....	12	1	
Total for State.....		442	9	
Utah:				
Boxelder County.....	May 1-Sept. 30.....	5	.....
Cache County.....	June 1-July 31.....	4	.....
Carbon County.....	June 1-July 31.....	3	.....
Davis County.....	May 1-July 31.....	30	.....
Emery County.....	June 1-July 31.....	4	.....
Garfield County.....	May 1-Aug. 31.....	20	.....
Juab County.....	Aug. 1-31.....	9	.....
Salt Lake County.....	May 1-Aug. 31.....	61	1	
Salt Lake City.....	June 1-Sept. 30.....	108	.....
Sanpete County.....	May 1-Sept. 30.....	32	.....
Summit County.....	May 1-Aug. 31.....	78	.....
Tooele County.....	May 1-31.....	5	.....
Uintah County.....	May 1-Sept. 30.....	48	.....
Utah County.....	May 1-Sept. 30.....	42	.....
Wasatch County.....	Aug. 1-Sept. 30.....	30	.....
Weber County.....	May 1-Aug. 31.....	6	.....
Total for State.....		485	1	
Virginia:				
Lynchburg.....	June 20-26.....	1	.....
Total for State.....		1	.....
Washington:				
Bellingham.....	Oct. 24-30.....	2	.....
Seattle.....	July 1-Nov. 13.....	9	.....
Spokane.....	June 6-July 3.....	7	.....
Tacoma.....	May 14-June 27.....	6	.....
Total for State.....		24	.....
West Virginia:				
Wheeling.....	Oct. 17-23.....	1	.....
Total for State.....		1	.....
Wisconsin:				
Ashland County.....	Jan 1-Mar. 31.....	8	.....
Barron County.....	Jan. 1-June 30.....	93	.....
Brown County.....	Apr. 1-June 30.....	18	.....
Buffalo County.....	Jan. 1-Mar. 31.....	5	.....
Burnett County.....	Jan. 1-Mar. 31.....	11	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Wisconsin—Continued.				
Calumet County.....	Jan. 1-June 30.....	2	.....
Chippewa County.....	Jan. 1-June 30.....	97	1	
Clark County.....	Jan. 1-June 30.....	20	.....
Columbia County.....	Jan. 1-Mar. 31.....	1	.....
Dane County.....	Apr. 1-June 30.....	6	.....
Douglas County.....	Jan. 1-June 30.....	11	.....
Dunn County.....	Jan. 1-June 30.....	39	2	
Fond du Lac County.....	Jan. 1-June 30.....	3	.....
Jackson County.....	Jan. 1-Mar. 31.....	1	.....
Juneau County.....	Jan. 1-June 30.....	42	.....
La Crosse County.....	Apr. 1-June 30.....	10	.....
La Crosse.....	June 13-Nov. 6.....	4	.....
Manitowoc County.....	Jan. 1-June 30.....	41	.....
Marathon County.....	Jan. 1-June 30.....	2	.....
Marinette County—				
Marinette.....	Nov. 13-20.....	1	.....
Milwaukee County.....	Apr. 1-June 30.....	24	.....
Milwaukee.....	June 2-Nov. 6.....	9	.....
Oconto County.....	Jan. 1-June 30.....	25	1	
Oneida County.....	Apr. 1-June 30.....	1	.....
Outagamie County—				
Appleton.....	June 20-July 31.....	22	.....
Ozaukee County.....	Jan. 1-Mar. 31.....	13	.....
Pepin County.....	Jan. 1-Mar. 31.....	2	.....
Pierce County.....	Jan. 1-Mar. 31.....	4	.....
Polk County.....	Jan. 1-June 30.....	19	.....
St. Croix County.....	Jan. 1-June 30.....	65	.....
Sheboygan County.....	Jan. 1-June 30.....	46	.....
Taylor County.....	Jan. 1-Mar. 31.....	5	.....
Trempealeau County.....	Jan. 1-Mar. 31.....	3	.....
Vernon County.....	Jan. 1-Mar. 31.....	51	.....
Walworth County.....	Apr. 1-June 30.....	1	.....
Washburn County.....	Jan. 1-June 30.....	14	.....
Waukesha County.....	Jan. 1-Mar. 31.....	5	.....
Waupaca County.....	Jan. 1-June 30.....	27	.....
Waushara County.....	Jan. 1-Mar. 31.....	1	.....
Winnebago County.....	Jan. 1-June 30.....	17	.....
Wood County.....	Apr. 1-June 30.....	2	.....
Total for State.....		771	4	
Grand total for the United States.....		5,499	27	

Plague in the United States.

[August 2-December 3, 1909.]

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
Alameda County—				
Oakland.....	Oct. 26.....	1	.....
Sunol.....	Aug. 2-12.....	1	1	Case sickened July 27.
	Sept. 24.....	1	.....	In vicinity of Sunol.

MORBIDITY AND MORTALITY.

Weekly morbidity and mortality table, cities of the United States.

[For smallpox and plague, see special tables.]

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Altoona, Pa.	Nov. 20	38,973	12					2							
Ann Arbor, Mich.	Nov. 13	14,509	7	2				1						1	
Ashtabula, Ohio.	do.	12,949	6		2										
Do.	Nov. 20		4		1										
Baltimore, Md.	do.	508,957	174	19	23	12	3	16		16	1	7		9	4
Bath, Me.	do.	10,477						1				3			
Battle Creek, Mich.	Nov. 13	18,563	7	2		10				1		10			
Bayonne, N. J.	Nov. 20	32,722		3				3							
Beaver Falls, Pa.	do.	13,000	0												
Bideford, Me.	do.	16,145	6					1				1			
Biloxi, Miss.	Oct. 30	5,467	4							2	2				
Do.	Nov. 6		3	2	1										
Do.	Nov. 13		4	1	1										
Do.	Nov. 20		4	1	1										
Binghamton, N. Y.	Nov. 13	38,647	23	1	1	2		5	1	3	2				
Boston, Mass.	do.	560,892	173	51	19	17	6	34	1	67	3	89	1	7	1
Do.	Nov. 20		175	65	12	13	1	41		70	5	62	1	1	
Braddock, Pa.	Nov. 13	15,654	1	2		3		6		4		5			
Bradford, Pa.	Nov. 20	15,029	2												
Brookton, Mass.	do.	40,063	10	2		7				1					
Butler, Pa.	do.	10,853	5	6				2		1					
Do.	Nov. 13		3	5				5				1			
Butte, Mont.	Nov. 11	30,470	12		2					10	1				
Cambridge, Mass.	Nov. 13	91,886	35	3	8	1		3		14	1	10			
Do.	Nov. 20		4	3	1			6		12	3	3			
Camden, N. J.	do.	75,935	16	1				2		10					
Camden, S. C.	Nov. 13	2,441	3			1									
Do.	Nov. 20		0												
Canton, Ohio.	Nov. 13	30,667	13					7	1						
Charlotte, N. C.	Nov. 20	18,091	11	1	1	1						27	1		
Chelsea, Mass.	Nov. 13	34,072	10					1		4	1	3			
Do.	Nov. 20		13	4	1	1		5	1						
Chicago, Ill.	do.	1,608,575	512	104	60	27	5	148	9	156	27	130		32	1
Chicopee, Mass.	do.	19,167	6							1					
Cincinnati, Ohio.	do.	325,902	101	39	16	1		7	1	20	2	13		4	
Cleveland, Ohio.	Nov. 19	381,768	103	16	7	9	1	14	1	25	2	42	1	10	
Clinton, Mass.	Nov. 20	13,667	3												
Concord, N. H.	Nov. 13		6							11					
Covington, Ky.	Nov. 20	42,938	12	4	3	3				1				1	1
Danville, Ill.	Nov. 13	16,534	15	1	1			2		3					
Do.	Nov. 20		11	1	1	1		4		2		2			
Dayton, Ohio.	Nov. 13	85,333	20	1	1	1	1		1	4					
Dunkirk, N. Y.	Nov. 20	11,616	2	1	1	1	1			3		1			
Elmira, N. Y.	Nov. 13	35,672	8		1	4				7					
El Paso, Tex.	Nov. 16	15,905	20	3	5	21	1	4		4				2	
Evansville, Ind.	Nov. 20	50,007	19	4	2		1	11		11	1				
Everett, Mass.	Nov. 13	24,336	8					2						1	
Do.	Nov. 20		9					1		1					
Fall River, Mass.	do.	104,863	28	4	3			4	1	3					
Fort Wayne, Ind.	Oct. 16	45,115	11		2			6		3					
Do.	Oct. 30		13		1			3							
Do.	Nov. 6		12		2	1		2		1					
Do.	Nov. 13		14		3			10		1					
Do.	Oct. 23		17		2		1	6		3					
Gloucester, Mass.	Nov. 20	26,121	8		3										
Hartford, Conn.	Nov. 4	79,850	31	8						8		1			
Haverhill, Mass.	Nov. 20	37,175	17	5	1	1				10				2	
Hyde Park, Mass.	do.	13,244	5	1				1							
Jacksonville, Fla.	Nov. 13	28,429	25		2			1		3					1
Johnstown, Pa.	Nov. 20	35,936	22		1	1	1	5	1	2		8		1	
Kansas City, Kans.	Nov. 13	51,418	23		4	10		8		6	1				
Kingston, N. Y.	do.	24,535	7												
Knoxville, Tenn.	Nov. 20	32,637	10		1										
Lancaster, Pa.	do.	41,459	12	2				7		2		1			
Lawrence, Mass.	Nov. 13	62,559	25	2	5			2		7	1	2			
Lowell, Mass.	Nov. 20	94,969	25	1	2			1	2	3	1	10			
Lebanon, Pa.	do.	17,628	7			12	2								
Los Angeles Cal.	Nov. 13	102,479	78	16	19	1	2	18		3		25		2	
Lynchburg, Va.	Nov. 20	18,891						1						2	
Lynn, Mass.	Nov. 13	68,513	23			1		2		8					

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Population, United States census, 1900.	Total deaths from all causes.	Tuberculosis.		Enteric fever.		Scarlet fever.		Diphtheria.		Measles.		Whooping cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Macon, Ga.	Nov. 14	22,746	13	1	1										
Manitowoc, Wis.	Nov. 20	11,786	3					3		3					
Mansfield, Ohio.	do.	17,650				4		1							
Marinette, Wis.	do.	16,195	4					2		2	1				
Marlborough, Mass.	Nov. 13	13,609	6												
Medford, Mass.	Nov. 20	18,244	4					1		6		4			
Melrose, Mass.	Nov. 13	12,962	5	2	2			4		1					
Mobile, Ala.	do.	38,469	23	5		1		2		2					
Muncie, Ind.	Nov. 20	20,818	2		1					2		1			
Nanticoke, Pa.	Nov. 21	12,616	6		1			3		1					
Nashville, Tenn.	Nov. 20	80,865	30	1	2	2		12	1	1		1			
Newark, N. J.	do.	246,070	97	12	2	1	56			54	5		1		
New Bedford, Mass.	do.	63,442	27	2		8		13	1	3		12			1
New Brunswick, N. J.	Nov. 13	20,006						1							
Do.	Nov. 20							1		4					
Newburyport, Mass.	do.	14,478	2	1		1				2					
Newport, Ky.	do.	22,034	5		1					2					
New York, N. Y.	do.	3,437,202	1,389	528	181	77	16	231	14	339	32	273	8	56	3
Niagara Falls, N. Y.	do.	19,457	4							1		4			
Norristown, Pa.	do.	22,265	1					6							
North Adams, Mass.	do.	24,200	9			1									
Oakland, Cal.	Nov. 8	66,960	42	3	5		1	6		3					
Oklahoma City, Okla.	Oct. 31	43,500	12					2		3					
Orange, N. J.	Nov. 20	24,141	11	3	3	1		4		2					
Palmer, Mass.	do.	7,801	0							1		1			
Philadelphia, Pa.	Nov. 19	1,293,697				33	5	49	3	81	12	13			
Pittsburg, Pa.	Nov. 6	321,616	171	39	17	24	8	40		10		9		2	1
Do.	Nov. 13		159	43	10	24	1	42	1	8	3	36	1	14	
Pittsfield, Mass.	Nov. 20	21,766	6							3					
Plainfield, N. J.	do.	15,369	5	1	1			2				1			
Portsmouth, N. H.	Nov. 13	10,637								3					
Do.	Nov. 20									9	2				
Pottstown, Pa.	do.	13,696	5			1				1					
Providence, R. I.	do.	175,597	70	4	11	3	1	14		17	4	5			
Reading, Pa.	Nov. 22	78,961	20		1	10	1	2		3		6			
Saginaw, Mich.	Oct. 30	42,345	15	1	1			1				14			
Do.	Nov. 6		10	1	1					25					
Do.	Nov. 13		14	1	1	1									
St. Louis, Mo.	do.	575,238	226	25	1	16	4	29	2	42	2	21		12	
San Antonio, Tex.	Nov. 6	53,321	0			2				2					
Do.	Nov. 13		1			4	1			3					
San Francisco, Cal.	do.	342,782	134	20	10	7	2	13		6		15		8	
San Jose, Cal.	Nov. 6	21,500	11	1	1	1									
Saratoga Springs, N. Y.	Nov. 13		4							2					
Schenectady, N. Y.	Nov. 6	31,682	12			1		1		2		23			
Seattle, Wash.	Nov. 13	80,671	45	2	3	11	5	4		5		5			
Somerville, Mass.	Nov. 20	61,643	18	3	3	3		9		7					
Springfield, Ohio.	Nov. 13	38,252	11	4	2	2		2		4					
South Bethlehem, Pa.	Nov. 20	13,241	4	3		3				1					
Tacoma, Wash.	Nov. 14	37,714			1			4	1	3					
Taunton, Mass.	Nov. 20	31,036	18		2	1	1								
Trenton, N. J.	do.	73,307		6	2			7							
Vincennes, Ind.	do.	10,249	3												
Waltham, Mass.	do.	23,481	8			1		2		1					
Warren, Pa.	Nov. 8	8,043	2												
Washington, D. C.	Nov. 13	278,718	102	27	11	14	2	18		23	1		1	2	
West Newton, Mass.	Nov. 20	33,587	7	2				5		1					
Weymouth, Mass.	do.	11,324	5							1					
Wheeling, W. Va.	Nov. 13	38,878	21	2	2	1				3		3	1		
Wilkes-Barre, Pa.	Nov. 12	51,721	23	4	1		1	10	1	8				15	
Williamsport, Pa.	Nov. 13	28,757	3	1				6							
Wilmington, Del.	do.	76,508	25		3					1					
Do.	Nov. 20		22		2		1								
Winona, Minn.	Nov. 16	19,714	1												
Woburn, Mass.	Nov. 20	14,254	7							1	1				
York, Pa.	Nov. 6	33,708		1		8		1				17			
Zanesville, Ohio.	Nov. 20	23,538	7		1	1		1		3	1				

MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES—UNTABULATED.

CALIFORNIA—*San Diego*.—Month of October, 1909. Total number of deaths 61, including tuberculosis 8.

CONNECTICUT—*Bridgeport*.—Month of October, 1909. Total number of deaths 104, including tuberculosis 10, diphtheria 1, scarlet fever 3. Cases: Diphtheria 18, scarlet fever 27, enteric fever 7, tuberculosis 18, whooping cough 3, smallpox 1.

FLORIDA—*Tampa*.—Month of October, 1909. Total number of deaths 53, including enteric fever 1, measles 1, tuberculosis 4. Cases: Measles 1, enteric fever 1, diphtheria 2.

IOWA—*Ottumwa*.—Month of October, 1909. Total number of deaths 28. Cases: Diphtheria 4, scarlet fever 6, tuberculosis 3, enteric fever 1.

LOUISIANA—*New Orleans*.—Month of October, 1909. Total number of deaths 533, including enteric fever 9, diphtheria 2, tuberculosis 58.

MAINE—*Portland*.—Four weeks ended October 16, 1909. Total number of deaths 67, including scarlet fever 1, tuberculosis 9, enteric fever 1. Cases: Diphtheria 2, enteric fever 14, scarlet fever 4.

MARYLAND—*Baltimore*.—Month of August, 1909. Total number of deaths 910, including enteric fever 21, measles 2, whooping cough 16, diphtheria 3, pellagra 1, tuberculosis 133.

NEBRASKA—*Lincoln*.—Month of October, 1909. Estimated population, 65,000. Total number of deaths 48, including diphtheria 5, tuberculosis 1.

NEW YORK—*Auburn*.—Month of October, 1909. Total number of deaths 47, including enteric fever 2, tuberculosis 2.

Troy.—Month of October, 1909. Total number of deaths 124, including enteric fever 2, tuberculosis 15. Cases: Diphtheria 10, scarlet fever 3, enteric fever 7, measles 1, whooping cough 1, tuberculosis 23.

TEXAS.—Month of September, 1909. Total number of deaths, 1,373, including enteric fever 117, whooping cough 7, pellagra 4, tuberculosis 196.

El Paso.—Month of October, 1909. Total number of deaths, 76, including tuberculosis 19, enteric fever 5. Cases: Whooping cough 6, enteric fever 9, scarlet fever 2.

UTAH.—Month of October, 1909. Estimated population, 346,873. Total number of deaths, 333, including scarlet fever 4, smallpox 1, diphtheria 1, enteric fever 32, whooping cough 3, tuberculosis 12. Cases: Scarlet fever 96, smallpox 117, diphtheria 57, enteric fever 353, whooping cough 75, measles 10, tuberculosis 15.

FOREIGN AND INSULAR.

AUSTRALIA.

Plague-prevention work at Sydney.

The following information is taken from bulletins issued by the department of public health of New South Wales and forwarded by Consul-General Bray at Sydney:

Week ended September 27: Rodents destroyed, 1,216; examined, 344; found infected, 0. Week ended October 5: Rodents destroyed, 1,254; examined, 346; found infected, 0. Week ended October 11: Rodents destroyed, 908; examined, 329; found infected, 0.

Date of last human plague case, May 29, 1909.

Date of finding of last plague-infected rodent, June 15, 1909.

BRAZIL.

Rio de Janeiro—Inspection of vessels—Plague and smallpox.

Acting Assistant Surgeon Stewart reports, November 1: Two weeks ended October 24. Inspection of vessels: October 15, the British steamships *London Bridge* for New York, in water ballast, with no passengers and no change in personnel, and *Homer* for New Orleans, in coffee cargo, with no passengers and no change in crew personnel; October 18, British steamship *Vasari* for New York, with 30 cabin and 3 steerage passengers; October 19, British steamship *Hillbrook* for Tybee Roads for orders, in water ballast, with no change in personnel or crew; October 20, British steamship *Swedish Prince* for New Orleans, in coffee cargo, with no change in personnel or crew; October 21, British steamship *Manaton* for Galveston, in water ballast, with no passengers and no change in crew, and British steamship *Purus* for New York, in coffee cargo and with no passengers and no change in crew; October 23, British steamship *Nordpol* for New York, in coffee cargo, with no passengers and no change in crew.

Mortality—Plague and smallpox.—Week ended October 17. No deaths due to plague, smallpox, or yellow fever and no cases of these diseases reported. At the close of the week there were 4 cases of smallpox and 1 case of plague under treatment in São Sebastião hospital. Week ended October 24. No deaths due to plague, smallpox, or yellow fever; 3 cases of smallpox reported. At the close of the week there were 4 cases of smallpox and 1 case of plague under treatment in São Sebastião hospital.

CUBA.

Cienfuegos—Inspection of vessels.

Acting Assistant Surgeon Suarez reports, November 16:

Week ended November 13.

Vessels inspected.....	3
Bills of health (original) issued.....	3
Members of crews of outgoing vessels inspected.....	114

No quarantinable disease reported.

Habana—Inspection of vessels.

Acting Assistant Surgeon Villoldo reports, November 16:

Week ended November 13.

Bills of health issued.....	24
Vessels inspected.....	21
Members of crews of outgoing vessels inspected.....	824
Passengers of outgoing vessels inspected.....	416

The national department of sanitation reports for the period from November 1 to 10, 20,564 houses inspected and 63,264 deposits of water petrolized or destroyed.

Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nunez reports, November 15:

Week ended November 13. Bills of health issued to 3 vessels clearing for United States. Health of city and surrounding country good; no quarantinable disease reported. The department of sanitation reports 4,099 houses inspected and 1 deposit containing mosquito larvæ found.

Santiago—Inspection of vessels—House inspection.

Acting Assistant Surgeon Wilson reports, November 17:

Week ended November 13. Bills of health issued to 7 vessels bound for the United States and its dependencies. No quarantinable disease reported.

The sanitary department reports that 2,800 houses were inspected

GERMANY.

Berlin—Cholera in East Prussia.

The following information is received from the imperial ministry for foreign affairs, through the Department of State, under date of November 23:

The following cases of cholera have been determined by bacteriological examination since October 29: District of Heydekrug (administrative district Gumbinnen), 3 in one place; district of Niederung (administrative district Gumbinnen), 3 in two places; district of Labiau (administrative district Königsberg), 4 in two places.

The number of the river sanitary guard stations in the entire Memel River district has been increased so that each ship and raft is inspected at least once a day. The usual method of combating cholera is being followed.

December 3, 1909

1832

HAWAII.

Plague-prevention work.

Chief Quarantine Officer Hobdy reports, November 8:

HONOLULU.

Last case of rat plague: (Aiea) 9 miles from Honolulu, August 22, 1907.

Last case of human plague: Honolulu, July 17, 1907.

Week ended November 8, 1909.

Total rats taken.....	628
Trapped.....	516
Found dead.....	0
Shot from trees.....	112
Examined bacteriologically.....	462
Plague-infected rats found.....	0
Classification of rats trapped:	
<i>Mus alexandrinus</i>	75
<i>Mus musculus</i>	202
<i>Mus norvegicus</i>	48
<i>Mus rattus</i>	191
Average number of traps set daily.....	1, 294

HILO.

Last case rat plague: (Hanomu) Hilo, October 11, 1909.

Last case human plague: (Pepeekeo) Hilo, October 4, 1909.

ITALY.

Naples—Examination of emigrants—Smallpox.

Surgeon Geddings reports, November 8:

Vessels inspected at Naples and Palermo, week ended November 6, 1909.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Nov. 3	Pannonia.....	New York.....			
4	San Giorgio.....	do.....	164	42	260
6	Sannio.....	do.....	440	53	475
	Total.....		604	95	735

PALERMO.

Nov. 5	San Giorgio.....	New York.....	447	700	150
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Nov. 3	Pannonia.....						
4	San Giorgio.....	2		3		1	6
6	Sannio.....	12	2	7		1	22
	Total.....	14	2	10		2	28

PALERMO.

Nov. 5	Sannio.....	32		40		5	77
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Smallpox in Naples.—During the week ended November 7, 20 cases of smallpox with 4 deaths were reported at the health office of the city of Naples.

MEXICO.

Report from the Superior Board of Health of Mexico.

In compliance with articles 1 and 2 of the International Sanitary Convention held at Washington, November 15, 1905, the president of the Superior Board of Health of Mexico reports that for the week ended November 13 no case of nor death from yellow fever was registered in the Republic of Mexico, and that prophylactic measures against the disease continue to be carried out.

Coatzacoalcas—Inspection of vessels.

Acting Assistant Surgeon Thompson reports, November 18:

Week ended November 17. Vessels inspected: November 10, steamship *Missachusetts*, bound for Delaware Breakwater; November 11, steamship *Dania*, bound for Norfolk; steamship *Tholma*, bound for Galveston via Veracruz and Tampico; November 16, steamship *Sokoto*, bound for Norfolk via Veracruz, Tampico, and Progreso; November 17, steamship *Navigator*, bound for a port in the United States via Veracruz and Tampico, and steamship *Hawaiian* bound for New York.

Salina Cruz—Fumigation of vessels.

Acting Assistant Surgeon Gochicoa reports, November 16:

Two weeks ended November 15. On November 4 and 11, respectively, the steamships *Arizonian* and *Columbian*, bound for San Francisco, were fumigated.

NICARAGUA.

Bluefields, fruit port.

Acting Assistant Surgeon Layton reports:

Thirteen days ended November 13. Present officially estimated population, 3,500.

No quarantinable disease reported. *Stegomyia calopus* present in large numbers.

Bills of health issued to the following-named vessels:

Date.	Vessel.	Destination.	Number of crew.	Number of passengers from this port.	Number of passengers in transit.
Nov. 6	Marietta di Georgio.....	New Orleans.....	18	3	0
13	Imperator.....	do.....	20	14	0

PERU.

Callao—Inspection of vessels—Status of plague.

Acting Assistant Surgeon Gutierrez reports, October 27 and November 4:

Week ended October 23. Two vessels, having an aggregate of 131 members of crews and 62 cabin and 37 steerage passengers, were

inspected. One vessel was fumigated. Week ended October 30. Three vessels, having an aggregate of 232 members of crews and 63 cabin and 11 steerage passengers, inspected.

The following reports on the status of plague have been received from the director of public health:

October 27.

Locality.	Cases Septem- ber 24.	New.	Recov- ered.	Died.	Remain- ing Octo- ber 7.
Department of—					
Lima.....	5	2	1	0	6
La Libertad.....	4	3	2	1	4
Piura.....	0	3	0	3	0

November 4.

Locality.	Cases Octo- ber 8.	New.	Recov- ered.	Died.	Remain- ing Octo- ber 21.
Department of—					
Lima.....	6	1	2	0	5
Libertad.....	4	2	1	1	4
Arequipa.....	0	1	0	0	1

No new case of plague has occurred at Callao since September 1.

RUSSIA.

St. Petersburg—Status of cholera.

The following information was received from Chargé d'Affaires Schuyler, through the Department of State, under date of November 19:

A communication from the ministry for foreign affairs states that during the period from October 10 to 16 there were 450 cases of cholera in Russia, with 211 deaths, occurring as follows:

Cities and governments.	Cases.	Deaths.	Cities and governments.	Cases.	Deaths.
St. Petersburg.....	208	98	Governments—Continued.		
Cronstadt.....	1	1	Kostroma.....	6	2
Baku.....	10	1	Nijni-Novgorod.....	23	7
Vladivostok.....	4	4	Simbirsk.....	3	3
Governments—			Samara.....	17	8
St. Petersburg.....	24	13	Saratov.....	7	4
Archangel.....	4	1	Novgorod.....	2	2
Vologda.....	1	1	Pskov.....	7	1
Esthonia.....	4	1	Riazan.....	2	1
Livonia.....	1	2	Tambov.....	1	1
Grodno.....	3	4	Kief.....	3	1
Vitebsk.....	21	7	Tchernigov.....	6	2
Souvalki.....	5	2	Ekaterinslav.....	1	1
Kovno.....	17	10	Poltava.....	9	9
Tver.....	20	8	Taurida.....	2	1
Jaroslav.....	36	18			

October 17 to 23, 371 cases of cholera with 181 deaths occurring, as follows:

Cities.	Cases.	Deaths.	Cities.	Cases.	Deaths.
St. Petersburg.....	256	99	Governments—Continued.		
Baku.....	9	5	Nijni Novgorod.....	20	9
Vladivostok.....	8	4	Samara.....	16	10
Governments—			Saratov.....	6	5
St. Petersburg.....	21	15	Astrakhan.....	1	1
Archangel.....	4	2	Novgorod.....	3	1
Esthonia.....	8	2	Pskov.....	3	2
Livonia.....	2	3	Riazan.....	5	4
Grodno.....	3	2	Kief.....	24	12
Vitebsk.....	10	2	Tchernigov.....	3	3
Kovno.....	10	8	Ekateroslav.....	37	12
Tver.....	5	4	Poltava.....	8	4
Jaroslav.....	15	11	Kherson.....	20	7
Kostroma.....	2	1	Taurida.....	6	3

The foreign office adds that the city of Poneviej, in the government of Kovno, is infected with cholera.

Libau—Examination of emigrants—Smallpox.

Acting Assistant Surgeon De Forest reports, November 7:

Week ended November 5. The steamship *Estonia* sailed for New York November 2 with 626 passengers and 92 members of crew. All had been five days in Libau under observation. Two hundred pieces of baggage were disinfected with formaldehyde gas.

During the week ended October 31 two cases of smallpox occurred in Libau.

ST. LUCIA ISLAND.

Castries—Inspection of vessels.

Acting Assistant Surgeon Maylie reports, October 25 and November 1:

Week ended October 23. Vessels inspected, 16; fumigated, 14.

Week ended October 30. Vessels inspected and fumigated, 3.

Sanitary condition of port and vicinity good. No quarantinable diseases exist.

VENEZUELA.

La Guaira—Inspection of vessels.

Acting Assistant Surgeon Kellogg reports, October 31:

Week ended October 30. Vessels inspected:

Date.	Vessel.	Destination.	Crew.	Passengers in transit.	Passengers taken.
Oct. 29	Albanian.....	Pensacola	37	3	0
29	Prinz Wilhelm.....	New York.....	39	17	4

Cholera, yellow fever, plague, and smallpox.

[These tables include cases and deaths recorded in reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls through the Department of State and from other sources from June 26 to December 3, 1909. For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909. In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Belgium:				
Antwerp.....	Oct. 26-30.....	9	6	At Boom, 10 miles distant.
China:				
Amoy.....	June 13-Oct. 9.....		326	
Chefoo.....	Aug. 28.....		5	Among Europeans; Sept. 11, epidemic.
Hankow.....	July 17-Sept. 11....	13	5	Sept. 25, still present among natives; Oct. 9, present in vicinity.
Kang Thau.....	Apr. 1-June 30.....	4	2	
Shanghai.....	July 26-31.....	3	1	On s. s. Hudson; Aug. 7, present among foreigners and natives; Oct. 2, still present among natives.
Kulangsü.....	Oct. 2.....		3	
Swatow.....	May 11-29.....			Present in vicinity; Aug. 28, 3 cases, 2 deaths, on s. s. Waishing.
Germany:				
Allenstein district.....	Oct. 23-30.....	1		
Andreschen district.....	Oct. 24-Nov. 12.....	6		
Heydekrug district.....	Oct. 20-Nov. 1.....	4		
Königsberg.....	July 21.....		1	
Ladian district.....	Nov. 1.....	3		
Niederung district.....	Oct. 16-Nov. 1.....	5	2	
Pakalsine.....	Sept. 20.....	2	1	Near Russ.
Skirwietell.....	Oct. 23-30.....	5		
Skopen.....	Oct. 23-30.....	5		
Stoltzenhagen.....	Sept. 18.....		1	25 miles from Stettin.
Tilsit.....	Oct. 11.....		1	
India:				
Bombay.....	May 30-Oct. 12.....		417	
Calcutta.....	May 16-Oct. 9.....		952	
Madras.....	May 29-Aug. 20.....		7	
Negapatam.....	May 8-Sept. 17.....		7	
Rangoon.....	May 16-Oct. 16.....		67	
Indo-China:				
Saigon.....	May 9-Oct. 2.....	24	18	
Japan:				
Amagasaki.....	Aug. 14-21.....	4		
Kagawa, prefecture.....	Aug. 8-14.....	7		
Karatsu.....	Sept. 1-9.....	11	2	On s. s. Taian Maru.
Kobe.....	Sept. 6-13.....	3	1	July 31, 1 case on s. s. Mille.
Kyoto.....	Oct. 10-26.....	200	98	
Moji.....	Oct. 9-16.....	4		
Shikoku, island:				
Matsuyama.....	Oct. 20.....			Present.
Wakamatsu.....	Oct. 16.....			Do.
Java:				
Batavia.....	Sept. 12-Oct. 9.....	542	171	Among natives and Chinese. Epidemic in northern part.
Korea:				
Chemulpo.....	Sept. 11-23.....			Epidemic.
Seoul.....	Sept. 19-29.....	1,072	651	Sept. 29, epidemic at Fusan Peng Yan and along the Yalu River.
Manchuria:				
Dalny.....	Aug. 11-Oct. 9.....	27	22	Case Aug. 11 on s. s. Kobe Maru.
Liaoyang.....	Aug. 10.....		1	
Mukden.....	Aug. 14.....		1	
Tashihchiao.....	Aug. 11.....		1	
Yinkou.....	Aug. 14.....	6	1	
Netherlands, The	Aug. 20-Sept. 4.....			5 deaths among boatmen from Rotterdam.
Amsterdam.....	Sept. 10.....	1	1	
Breda.....	Aug. 30-Sept. 4.....			
Dirksland.....	Sept. 10.....	1		
Dordrecht.....	Aug. 30.....			Present.
Gorkum.....	Aug. 30-Sept. 4.....	1		
Hansweert.....	Sept. 27-Oct. 2.....	3		
Hattem.....	Oct. 1-8.....	4	1	
Holstern.....	Sept. 1-7.....	1		
Hoogvliet.....	Sept. 1-7.....	1		
Lopik.....	Sept. 27-Oct. 2.....	2		

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Netherlands, The—Continued.				
Middelburg.....	Sept. 4.....	1	.....
Pernis.....	Sept. 1-7.....	2	.....
Rotterdam.....	Aug. 20-Sept. 11.....	34	15	
Tholen.....	Sept. 4.....	1	.....
Uithoorn.....	Aug. 30-Sept. 4.....	1	.....
Utrecht, province—				
Jaarsveld.....	Oct. 20.....	1	1	
Utrecht.....	Sept. 4.....	1	.....
Vlaardinger.....	Sept. 4.....	1	.....
Philippine Islands:				
Manila.....	July 11-Oct. 9.....	106	81	Fourth quarter 1908, 308 cases and 190 deaths; first quarter 1909, 1 death (imported); second quarter 1909, no cholera.
Provinces.....				
				Fourth quarter 1908, 7,330 cases and 4,252 deaths; first quarter 1909, 2,221 cases and 1,405 deaths; second quarter 1909, 961 cases and 630 deaths.
Albay.....	Aug. 27-Sept. 18.....	262	265	
Ambos Camarines.....	July 4-Oct. 9.....	645	404	
Bataan.....	Sept. 5-Oct. 9.....	93	74	
Bohol.....	Aug. 28-Oct. 9.....	107	64	
Bulacan.....	July 4-Oct. 9.....	316	327	
Cagayan.....	July 11-Sept. 18.....	222	117	
Cavite.....	Sept. 16-Oct. 2.....	4	4	
Cebu.....	May 16-Oct. 9.....	345	266	
Dapitan.....	May 9-15.....	.....	.....	Present.
Ilocos Norte.....	Aug. 15-Sept. 11.....	125	64	
Iloilo.....	May 23-June 19.....	28	18	
Isabela.....	July 18-24.....	5	4	
Leyte.....	June 6-Sept. 25.....	28	14	
Moro.....	May 29-July 3.....	9	9	
Mountain.....	June 20-26.....	27	15	
Negros, Occidental.....	May 9-15.....	8	2	
Negros, Oriental.....	May 16-Oct. 9.....	766	540	
Pampanga.....	May 9-Oct. 9.....	617	300	
Pangasinan.....	June 13-19.....	1	.....
Rizal.....	July 25-Oct. 9.....	23	10	
Samar.....	May 9-July 10.....	42	26	
Sorsogon.....	May 9-15.....	8	2	
Tarlac.....	July 4-Oct. 9.....	54	40	
Russia, general.....	May 23-Oct. 10.....	11,777	4,944	July 23, present in Kreutzburg, Mahlgaben, Muravievo, Pl-neca, Radsiwilischki, Reval, Schaulen, and Tver.
Alexandrovosk.....	Aug. 28-Oct. 1.....	10	8	
Archangel.....	June 26-Oct. 1.....	355	191	
Astrachan.....	Sept. 17-Oct. 1.....	14	7	
Baku, government.....	July 4-Oct. 1.....	2	.....
Chmalysk, district.....	July 1.....	1	.....
Courland.....	July 5-Oct. 1.....	245	107	
Cronstadt.....	June 30-Sept. 17.....	66	26	
Dorpat.....	Aug. 14-20.....	1	.....
Drissa.....	July 23-Sept. 17.....	38	17	
Esthonia, government.....	July 1-Aug. 21.....	4	3	
Finland, general.....	July 16.....	1	.....
Mariengam.....	June 23-24.....	1	1	
Viborg.....	July 9-16.....	1	.....
Gadjatschesk.....	Aug. 3-Sept. 3.....	53	18	
Griva.....	Sept. 25-Oct. 1.....	128	56	
Hungerburg.....	July 30-Oct. 1.....	11	7	
Jaroslav, government.....	Sept. 11-Oct. 1.....	361	177	
Jaroslav, government.....	July 4-Oct. 1.....	470	237	
Kem.....	Aug. 8-Oct. 1.....	47	24	
Kharkov.....	Aug. 1-Sept. 3.....	20	10	
Kherson.....	Oct. 1.....	1	.....
Kief.....	Sept. 11-Oct. 1.....	26	17	
Kostroma.....	July 23-Oct. 1.....	186	64	July 30, present.
Kretsky, district.....	July 1.....	1	.....
Livonia.....	July 5-Aug. 21.....	85	41	
Mitan.....	July 15-Oct. 1.....	28	17	
Mohileve, government.....	Aug. 2-Oct. 1.....	131	67	
Moscow.....	July 9-Oct. 9.....	26	9	
Nishni Novgorod.....	July 4-Sept. 17.....	57	31	
Novgorod, government.....	July 4-Oct. 1.....	393	131	
Olonets, government.....	June 20-Aug. 14.....	11	7	
Perm.....	Aug. 2-Oct. 1.....	27	11	
Polotzk.....	June 27-Oct. 1.....	711	202	
Poltava, government.....	Aug. 15-Oct. 1.....	105	47	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Pskov.....	July 1-Sept. 17....	120	42	
Reval.....	Aug. 21-27....	2		
Riga.....	July 1-Oct. 16....	327	129	
Rjasin.....	June 24-July 6....	3	3	
Rubinsk.....	July 30-Sept. 17....	185	103	
Samara.....	Aug. 15-17....	5	2	
Saratov.....	Aug. 15-Oct. 1....	7	1	
Simolrsk.....	July 13....	2		
St. Petersburg, government.	June 9-Oct. 10....	919	476	
St. Petersburg.....	June 2-Oct. 22....	5,857	2,271	
Tver, government.....	Aug. 15-Oct. 1....	348	81	
Viatka, government.....	July 6-24....	2	2	
Vilna.....	July 11-Aug. 21....	61	20	
Vitebsk, government.....	July 9-Sept. 17....	703	261	
Vologda, government.....	May 31-Oct. 1....	544	234	
Slam:				
Bangkok.....	Apr. 25-May 28....	1		
Siberia:				
Vladivostok.....	Sept. 23-Oct. 16....	52	18	
Straits Settlements:				
Singapore.....	May 9-Sept. 18....		20	
Sumatra:				
Djambi.....	July 15-Aug. 20....	220	113	Among natives.
Palembang.....	Sept. 28....			Present.
Sweden:				
Stockholm.....	Aug. 12....	1		Imported.

YELLOW FEVER.

Barbados, general.....	June 13-Aug. 14....	2	1	St. Joseph Parish, December to June, 14 deaths not previously reported.
Brazil:				
Bahia.....	May 22-Sept. 17....	46	22	
Manaos.....	May 23-Aug. 14....		11	Apr. 24-May 1—2 deaths. Reported out of date.
Para.....	May 30-Oct. 23....	71	59	
Pernambuco.....	Apr. 15-Aug. 31....		11	
British Guiana:				
Suddie.....	July 22....	1	1	35 miles from Georgetown.
Ecuador:				
Guayaquil.....	May 23-Oct. 9....		56	
Mexico:				
Merida.....	June 5-Nov. 6....	14	6	Sept. 11, 2 cases imported from the district of Acanceh.
Tekik.....	Oct. 1....	1		
Veracruz.....	Sept. 24....		1	On s. s. Sonora.
Panama:				
Canal Zone—				
Ancon.....	Mar. 1-31....			1 case at Culebra Island quarantine station, from a vessel, and 1 fatal case en route from Guayaquil.
Venezuela:				
Maquetia.....	Aug. 15-25....	2	2	

PLAGUE.

Australia:				
Adelaide.....	Apr. 30-June 12....	2	2	And vicinity.
Bunbury.....	June 4....	1		On s. s. Zoroaster.
Mackay.....	Jan. 21-June 6....	2	2	
Sydney.....	Apr. 18-May 29....	5	1	
Azores:				
Terceira.....	June 16....	3	1	
Bahrein Island, Persian Gulf...	May 29-June 10....		6	
Brazil:				
Bahia.....	May 22-Oct. 15....	54	43	
Rio de Janeiro.....	May 17-Oct. 10....	7	3	
British East Africa:				
Kisumu.....	July 10-Aug. 24....	12	12	
Chile:				
Antofagasta.....	May 9-30....	13	5	Oct. 16, still present.
Iquique.....	May 20-Sept. 22....	23		Do.
Mejillones.....	May 4-Oct. 16....			Present.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	June 1-Oct. 9.....		1,102	
Canton.....	May 9-Aug. 7.....	325	211	
Chang-Poo.....	July 23.....			Epidemic.
Chinchew.....	May 22.....			Do.
Eng-Ta-Tau.....	July 1-31.....	11	4	
Hankow.....	Oct. 9.....			1 case on river steamer.
Mongkong.....	May 2-Aug. 18.....	92	83	
Kang-be.....	July 24.....	61	59	
Kang Thau.....	Apr. 1-July 31.....	125	62	
Pollam.....	May 23-29.....	8	7	
Swatow district.....	May 16-July 3.....		450	July 1, 200 cases still present in Touchowfu and Yin Shan.
Swatow.....	May 16-July 19.....		2	
Ecuador:				
Babohoyo.....	Sept. 21.....			Present.
Chunchi.....	June 1-30.....	3	1	
Duran.....	July 16-31.....	3		Sept. 21, again present.
Guayaquil.....	May 23-Oct. 9.....	149	90	
Huigra.....	May 1-June 15.....	16	3	
Egypt:				
Alexandria.....	May 30-Sept. 20.....	14	10	
Port Said.....	May 29-Oct. 27.....	15	6	
Provinces—				
Assiout.....	May 14-Sept. 28.....	48	8	
Beherah.....	June 14-Sept. 8.....	37	14	
Galyoobeeyeh.....	June 2-Sept. 6.....	10	2	
Garbieh.....	June 2-Nov. 2.....	49	19	
Fayum.....	June 3-23.....	15	6	
Menouf.....	Jan. 18-Aug. 17.....	87	17	
German East Africa:				
Muanza district.....	Apr. 30-May 22.....		12	
Hawaii:				
Hilo.....	Aug. 19-Oct. 4.....	4	3	Cases Sept. 6 and 19 at Papaikou.
Honolulu.....	July 20.....	1		The case arrived on the s. s. Korea, had been ill 11 days, and probably received infection at Hongkong.
Olaa plantation.....	Aug. 20-22.....	3	2	
India:				
Bombay Presidency and Sind.....	May 16-Oct. 2.....	10,027	7,309	
Madras Presidency.....	May 16-Oct. 2.....	2,948	1,838	
Bengal.....	May 16-Oct. 2.....	1,250	1,015	
United provinces.....	May 16-Oct. 2.....	5,725	5,051	
Punjab.....	May 16-Oct. 2.....	7,810	6,624	
Burma.....	May 16-Oct. 2.....	1,581	1,487	
Central provinces, including Berar.....	May 16-Oct. 2.....	4,488	3,759	
Mysore State.....	May 16-Oct. 2.....	2,514	1,808	
Hyderabad State.....	Sept. 12-Oct. 2.....	81	62	
Central India.....	July 18-Oct. 2.....	1,411	920	
Rajputana and Ajmer-Merwara.....	May 16-Oct. 2.....	2,089	1,676	
Northwest Province.....	Sept. 26-Oct. 2.....	1		
Kashmir.....	May 16-Sept. 25.....	5	4	
Grand total.....		39,930	31,553	
Indo-China:				
Saigon.....	May 9-Sept. 13.....	114	110	
Japan:				
Formosa.....	May 23-July 17.....	223	156	In south and central ports.
Kobe.....	May 30-Oct. 16.....	106	79	Hogoken, including Kobe, Jan. 1 to Oct. 22, 159 cases.
Osaka.....	July 4-10.....	1	1	Oct. 20, present.
Nagasaki.....	Sept. 11.....			Present on a vessel.
Shikoku, island.....	July 17-Aug. 3.....	3	1	Oct. 20, present in Koki and Matsugama.
Shimonoseki.....	Sept. 11.....			Present.
Tokyo.....	June 26.....	3		
Yokohama.....	May 25-Aug. 7.....	28	24	
Mauritius.....	Apr. 1-Sept. 9.....	36	31	
Morocco:				
Casablanca.....	July 15-Oct. 4.....		5	Among troops.
Peru:				
Arequipa, department.....	May 8-Sept. 23.....	15	4	
Chala.....	July 3-15.....			Present.
Mollendo.....	July 3-15.....			Do.
Gajamarca, department.....	May 8-July 15.....	20	6	
Callao, department.....	May 8-Aug. 12.....	10	4	
Callao.....	June 20-Aug. 7.....			Present. Sept. 1, again present.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru—Continued.				
Ica, department.....	July 3-Sept. 9.....	2	.....	Present.
Lambayeque, department..	May 8-Aug. 12.....	18	11	
Eten.....	July 15.....	.....	.....
Libertad, department.....	May 8-Sept. 23.....	26	13	Do.
Salaverry.....	July 15.....	.....	.....
Lima, department.....	May 8-Sept. 23.....	37	16	Do.
Cerro Azul.....	July 15.....	.....	.....
Moquegua, department.....	July 16-29.....	6	2	Do.
Ilo.....	July 15.....	.....	.....
Pescadores Islands.....	June 27-July 3.....	4	.....	From s. s. Lodore.
Plura, department.....	June 18-Sept. 23.....	46	33	Present.
Paita.....	June 20-July 15.....	.....	.....
Russia:				
Kirgiscnaul.....	Aug. 5-8.....	19	18	In the Ural district to Aug. 14, 22 deaths.
Slam:				
Bangkok.....	Apr. 25-Aug. 28...	22	22	
Trinidad:				
Port of Spain.....	June 13-July 18...	6	5	
Turkey in Asia:				
Adalia.....	June 25-July 29...	5	3	In Harrett Aryk.
Beirut.....	June 25-July 4.....	1	.....
Uruguay:				
Montevideo.....	May 1-June 30.....	.....	2	
Venezuela:				
Caracas.....	June 18-Nov. 11...	15	5	
Zanzibar.....	July 14-Nov. 8.....	6	6	

SMALLPOX.

Algeria:				
Aigiers.....	May 1-Sept. 30.....	27	23	
Bona.....	June 1-Oct. 31.....	55	29	
Arabia:				
Aden.....	Aug. 3-9.....		1	
Argentina:				
Buenos Aires.....	Mar. 1-Aug. 31.....		74	
Rosario.....	Apr. 1-July 31.....	3	3	
Austria:				
Bohemia.....	Sept. 26-Oct. 2.....	1		Imported.
Gallcia.....	June 6-July 31.....	6		
Silesia.....	June 20-Aug. 7.....	17		
Belgium:				
Antwerp.....	July 18-24.....	4		
Brazil:				
Bahia.....	May 22-Oct. 15.....	140	76	
Para.....	Oct. 23.....	1	1	
Pernambuco.....	Apr. 1-Aug. 31.....		93	
Rio de Janeiro.....	May 17-Oct. 10.....	90	31	
Santos.....	May 10-16.....		1	
São Paulo.....	May 10-July 18.....		12	
Canada:				
British Columbia—				
Vancouver.....	June 1-July 31.....	4		
Nova Scotia—				
Halifax.....	June 13—Aug. 7.....	5		
Ontario—				
Hamilton.....	Sept. 1-30.....	2		
Quebec—				
Montreal.....	June 17.....			2 cases additional at Grosse Isle on s. s. Virginian.
Quebec.....	Nov. 14.....	1		On s. s. Dominion from Liverpool.
Ceylon:				
Colombo.....	May 23-29.....	2		
Chile:				
Valparaiso.....	Oct. 10-16.....	2		May 16-Aug. 28, present.
Santiago.....	May 29-Aug. 21.....			Present.
China:				
Amyo.....	June 1-Sept. 11.....		32	May 9-15, present.
Eng-Ta-Tau.....	July 1-31.....	9		
Hankow.....	Aug. 21.....	1		Apr. 26-June 12, present among natives.
Hongkong.....	May 2-June 26.....	16	12	
Kang Chau.....	Apr. 1-June 30.....	7	1	
Newchwang.....	Aug. 1-14.....	2	1	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China—Continued.				
Shanghai.....	May 10-Oct. 3.....		9	Sept. 25, still present among natives. Sept. 4, 1 case on s. s. Wilmington.
Tientsin.....	June 27-July 3.....	1	2	
Egypt, general.	Apr. 30-Oct. 7.....	1,601	371	
Alexandria.....	June 1-30.....	3		
Cairo.....	May 21-Sept. 30.....		20	
Suez.....	May 21-July 8.....	46	3	
Ecuador:				
Ensenada.....	Aug. 25.....			Epidemic.
Guayaquil.....	June 1-Aug. 10.....	3		In July, 4 cases and 1 death in vicinity.
France:				
Bordeaux.....	Sept. 4.....		1	
Marseille.....	June 1-Oct. 31.....		8	
Nantes.....	July 1-31.....	1		
Paris.....	May 23-Oct. 2.....	41	3	
Toulon.....	July 25-31.....		1	
Germany, general.	May 30-Sept. 25.....	23		
Gibraltar.....	Aug. 8-Oct. 24.....	4		
Great Britain:				
Cardiff.....	July 6.....	1		
Liverpool.....	June 21-26.....	2		
London.....	Oct. 3-23.....	2		Case, June 22, from s. s. Canada.
Greece:				
Athens.....	Sept. 19-25.....		2	
Hungary:				
Budapest.....	Sept. 26-Oct. 9.....	2	1	
India:				
Bombay.....	May 26-Oct. 12.....		96	
Calcutta.....	May 16-Sept. 4.....		128	
Madras.....	May 22-Oct. 22.....		23	
Rangoon.....	May 12-Oct. 16.....		34	
Indo-China:				
Saigon.....	May 9-Aug. 7.....	21	20	
Italy, general.	May 31-Nov. 1.....	406		
Genoa.....	June 1-Oct. 15.....	21		
Naples.....	May 31-Oct. 30.....	132	57	
Ottiana.....	June 23.....	1		
Rome.....	Mar. 7-13.....	1	1	
Japan:				
Formosa.....	June 13-19.....	1		
Moji.....	June 6.....	1		
Osaka.....	Jan. 1-May 31.....	3		From s. s. Selja.
Yokohama.....	June 1-7.....	1		
Java:				
Batavia.....	May 6-Sept. 11.....	31	1	
Malta:				
Valetta.....	Sept. 11-18.....	3		
Mauritius:				
Port Louis.....	Apr. 1-30.....	1	1	
Mexico				
				Oct. 31, present at Orizaba, Puebla, and along the lines of railroad.
Acapulco.....	Oct. 19-25.....	1		
Agua Calientes.....	June 21-27.....		1	
Chihuahua.....	Aug. 16-22.....	1		
Guadaluajara.....	June 11-Sept. 9.....		4	
Medellin.....	Oct. 31.....	1		Oct. 24, present in vicinity.
Mexico.....	May 16-Oct. 16.....		92	
Monterey.....	June 14-Oct. 31.....		30	
Soledad.....	Oct. 24.....	3		
Veracruz.....	June 1-Oct. 31.....	29	9	Aug. 12-Oct. 2, 7 cases imported from Medellin. Oct. 26, 1 case from Orizaba and 1 case on s. s. Montevideo.
Newfoundland:				
St. Johns.....	Sept. 4.....	3		
Norway general.	Apr. 1-May 30.....	3		
Panama:				
Canal Zone—				
Ancon.....	Mar. 1-31.....	1		At Culebra Island quarantine station; from a vessel.
Persia:				
Khorassan.....	June 1-30.....			Epidemic.
Kurdistan.....	June 1-30.....			Do.
Mazanderan.....	July 1-31.....			Do.
Mashed-i-Sur.....	Sept. 30.....			Present in June; epidemic in vicinity.
Shiraz.....	May 1-31.....			Present.
Turbat-i-Haidari.....	May 1-31.....			Do.

Cholera, yellow fever, plague, smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Peru:				
Lima.....	July 4-10.....	1		In the lazaretto.
Mollendo.....	Aug. 28.....			Present.
Philippine Islands:				
Manila.....	May 9-July 31.....	17	7	Fourth quarter, 1908, 28 cases and 8 deaths; first quarter, 1909, 55 cases and 16 deaths; second quarter, 1900, 76 cases and 9 deaths.
Iloilo, province.....	July 1-Aug. 31....	237	144	
Portugal:				
Lisbon.....	May 30-Oct. 9....	150		
Russia:				
Libau.....	May 6-Aug. 1....	4		
Moscow.....	May 16-Oct. 9....	261	114	
Odessa.....	May 30-Oct. 9....	106	22	
Riga.....	June 6-Oct. 2....	74		May 1-July 31, 24 deaths.
St. Petersburg.....	May 16-Sept. 25....	369	87	
Warsaw.....	Apr. 25-Sept. 18....		20	
Slam:				
Bangkok.....	Apr. 25-June 28....	2	1	
Siberia:				
Vladivostok.....	May 15-June 3....	4	1	
Spain:				
Almeria.....	June 1-Sept. 30....		14	
Barcelona.....	June 1-Nov. 8....		81	
Huelva.....	May 1-Sept. 30....		43	
Madrid.....	May 1-Sept. 30....		461	
Seville.....	May 1-June 30....		2	
Tarragona.....	July 20-26.....		1	
Valencia.....	May 20-Oct. 23....	78	3	
Vigo.....	May 23-Oct. 16....		18	
Straits Settlements:				
Penang.....	Aug. 15-21.....	1		
Singapore.....	May 16-July 10....		2	
Switzerland:				
Argau, canton.....	June 20-26.....	1		
Fribourg, canton.....	June 13-19.....	1		
Geneva.....	May 30-June 26....	9		
Tripoli:				
Tripoli.....	May 23-Oct. 30....	209	30	
Turkey in Asia:				
Bagdad.....	July 19.....			Present in interior.
Bassorah.....	May 9-Sept. 25....			Present.
Hadjin.....	May 23-June 26....			Do.
Smyrna.....	July 19.....			Do.
Turkey in Europe:				
Constantinople.....	May 7-Oct. 15....		254	
Uruguay:				
Montevideo.....	May 31-Oct. 31....		11	
	Apr. 1-Sept. 30....		25	

MORTALITY.

Weekly mortality table, foreign and insular cities.

[illegible]

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—									
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
													Whooping cough.
Barcelona.....	Nov. 1	501,272	295	25				1		9	1	3	1
Do.....	Nov. 8		365	24				3		14		6	
Barmen.....	Oct. 16	162,800	33	4								1	2
Do.....	Oct. 23		43	6						1			1
Batavia.....	Oct. 9	217,630	75			70			1				
Belgrade.....	Sept. 25	80,000								2	2	1	
Do.....	Oct. 30									2	2		
Bergen.....	do.....	87,749	19	5									1
Berlin.....	Oct. 23	2,205,212	535	86						4	12	16	3
Bombay.....	Oct. 19	977,822	553	43	14	4				1		1	5
Do.....	Oct. 26		504	35	10					1			
Birmingham.....	Nov. 6	558,336	137							4	2	1	2
Budapest.....	Oct. 30	804,206								2	3	4	4
Bremen.....	Nov. 6	235,648	52	10								1	
Bristol.....	do.....	377,642	66	7								2	
Brussels.....	Oct. 30	704,975	80	13						1		2	4
Cairo.....	Oct. 28	704,836	449	18				4	2		14		1
Ceiba.....	Nov. 6	6,500	3	1									
Chemnitz.....	Oct. 30	277,914	77	11						1	2	1	
Chihuahua.....	Oct. 24	37,000	19	1						1		2	
Christiania.....	Nov. 6	236,000	51	10								2	2
Coburg.....	Oct. 31	23,374	5	1									
Cognac.....	Oct. 30	19,483	7	3									
Cologne.....	do.....	472,341	139	16							5	4	3
Colombo.....	Oct. 2	183,872	106	8						8			
Do.....	Oct. 9	183,872	88	14						7			
Do.....	Oct. 16		101	17						4			
Constantinople.....	Oct. 31	1,000,000	250										
Copenhagen.....	Oct. 23	450,000	98	11							2	1	
Dalny.....	Oct. 16	39,813	26	1		2				2			
Dresden.....	Oct. 30	546,400	150	27								8	3
Dundee.....	Nov. 6	169,409	44										
Durban.....	Oct. 9	60,244	12	2									
Do.....	Oct. 16		10	1						1			
Geneva.....	Oct. 23	121,500	28										
Georgetown.....	Oct. 16	56,000	52	4						2			
Do.....	Oct. 23		43	8									
Glasgow.....	Nov. 5	872,021	219							1	5	1	8
Do.....	Nov. 12	872,021	304							1	3	9	18
Ghent.....	Oct. 30	164,579	48	4						1		1	2
Gothenburg.....	do.....	162,400	37	4									
Guadalajara.....	Oct. 28	125,000	40							1	1		
Halifax.....	Nov. 13	50,000	21	1									
Hamburg.....	Oct. 30	872,252	228	32						1	3	6	3
Hongkong.....	Oct. 2	236,488								1			
Hull.....	Nov. 6	275,552	71								1	4	1
Kobe.....	Oct. 23	380,717	252		25					3			2
Konigsberg.....	Oct. 30	240,000	93	12								5	2
Leipzig.....	do.....	537,686	144	16							1	4	1
Lihau.....	Oct. 31	90,000								1			5
Liverpool.....	Nov. 6	760,000	253	16						1	3		
Lyons.....	Oct. 16	472,114	114	12						2			
Madras.....	Oct. 22	550,000						2					
Magdeburg.....	Oct. 30	250,486	73	8								2	
Manaos.....	Oct. 23	52,000	30	4									
Mannheim.....	do.....	181,532	40	6									2
Mexico City.....	Sept. 18	400,000	356	26			2	1				1	2
Do.....	Oct. 9		323	23			4	16		1			2
Do.....	Oct. 16		318	26			1	2			1	2	2
Moncton.....	Nov. 13	13,500	4										
Monterey.....	Nov. 7		49	7						1			
Do.....	Nov. 14		42	6						1			
Montreal.....	Nov. 13	389,837	148	16						8	3		
Munich.....	Oct. 23	566,000	168	17						1	1	1	2
Nantes.....	Nov. 7	161,908	58	13									
Naples.....	Oct. 30	593,729	310				1			2		2	
Nottingham.....	do.....	260,000	58							1		1	
Nuevo Laredo.....	Nov. 13	8,000	4	2									
Nuremberg.....	Oct. 23	316,180	86	10									
Palermo.....	Oct. 16	335,000	131	4						1			
Do.....	Oct. 23		129	4					2			2	
Do.....	Oct. 30		126	4								1	
Para.....	Oct. 23	185,000	59	5		3	1						

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Penang.....	Oct. 16	102,520	61	14								
Port Elizabeth.....	do.....	32,959	12	3								
Do.....	Oct. 23		7									
Port of Spain.....	Oct. 30	60,000	30	7								
Prague.....	do.....	229,965	127	23							3	2
Progreso.....	Nov. 13	4,500	3	2								
Rangoon.....	Oct. 9	252,155	205		12			3				
Do.....	Oct. 16		190		12	2		1				
Rotterdam.....	Nov. 6	415,761	115						2			
Saigon.....	Oct. 2	206,000				1		1			1	
Santiago.....	Nov. 6	53,614	17	1					1			
Do.....	Nov. 13		27	3								
Smyrna.....	Sept. 24	400,000	80	10				15				
Do.....	Oct. 1		105	13				47				
Do.....	Oct. 8		103	15			1	32				
Do.....	Oct. 15		83	5			2	17				
Stettin.....	Oct. 30	230,000	77	5							2	2
Tarragona.....	Nov. 6	20,400	5	2								
Tientsin.....	Oct. 16		11	3								
Trieste.....	Oct. 30	219,777	94								1	
Tripoli.....	Oct. 2	42,000	3					4		2		
Do.....	Oct. 9		2					2				
Do.....	Oct. 16		1									
Do.....	Oct. 23		1					6				
Do.....	Oct. 30		2					1				
Turin.....	Oct. 28	381,439	110	16								
Valencia.....	Oct. 30	240,000	69	10								
Do.....	Nov. 6		56								3	
Valletta.....	Oct. 30	212,888	97	3					1			
Victoria.....	Nov. 13	35,000	2									
Vienna.....	Oct. 30	2,085,888	620	106					3	1	5	2
Vigo.....	do.....	40,000	9	2					1			
Vladivostok.....	Oct. 5	85,004	3						1			
Winnipeg.....	Nov. 13	122,000	22						2			1

MORTALITY—FOREIGN AND INSULAR—COUNTRIES AND CITIES—
UNTABULATED.

ALGERIA—Bone.—Month of October, 1909. Total number of deaths 91, including smallpox 1, enteric fever 4, scarlet fever 1, diphtheria 1, whooping cough 1, tuberculosis 18.

BRAZIL—Ceara.—Month of September, 1909. Total number of deaths 85, including enteric fever 9, tuberculosis 12.

Pernambuco.—Two weeks ended September 15, 1909. Total number of deaths 287, including smallpox 20, measles 3, plague 10, tuberculosis 59.

CANADA—Hamilton.—Month of October, 1909. Total number of deaths 78, including enteric fever 1, diphtheria 2, tuberculosis 7. Cases: Enteric fever 8, scarlet fever 27, diphtheria 24, measles 3, whooping cough 2.

Vancouver.—Month of October, 1909. Total number of deaths 70, including enteric fever 1, diphtheria 1, tuberculosis 12.

FRANCE—Roubaix.—Month of October, 1909. Total number of deaths 125, including tuberculosis 13.

Marseille.—Month of October, 1909. Total number of deaths 718, including smallpox 1, typhus fever 1, enteric fever 27, scarlet fever 6, diphtheria 5, measles 1, whooping cough 1, tuberculosis 96.

St. Etienne.—Two weeks ended October 31, 1909. Total number of deaths 94, including enteric fever 2, whooping cough 1, tuberculosis 11.

Toulon.—Month of October, 1909. Total number of deaths 99, including enteric fever 5, tuberculosis 11.

GREAT BRITAIN—*Scotland*.—Week ended November 13, 1909. Eight principal towns. Total number of deaths 566, including measles 22, scarlet fever 10, diphtheria 7, whooping cough 5, enteric fever 4, typhus fever 1.

GREECE—*Patras*.—Two weeks ended October 15, 1909. Total number of deaths 13, including enteric fever 1, tuberculosis 5. Two weeks ended October 31, 1909. Total number of deaths 9, including enteric fever 1, tuberculosis 5.

INDIA—*Rangoon*.—Month of September, 1909. Total number of deaths 803, including enteric fever 3, measles 1, tuberculosis 25.

URUGUAY—*Montevideo*.—Month of September, 1909. Total number of deaths 478, including smallpox 9, scarlet fever 15, diphtheria 3, measles 1, tuberculosis 56.

WESTERN AUSTRALIA—*Fremantle*.—Month of August, 1909. Total number of deaths 9.

The following cases of, and deaths from smallpox, yellow fever, cholera, and plague have been reported to the Surgeon-General, Public Health and Marine-Hospital Service, during the week ended December 3, 1909:

SMALLPOX—UNITED STATES.

Place.	Date.	Cases.	Deaths.	Remarks.
California:				
San Francisco.....	Nov. 6-13.....	1		
Georgia:				
Macon.....	Nov. 1-14.....	5		
Illinois:				
Chicago.....	Nov. 6-13.....	1		
Indiana:				
Fort Wayne.....	Oct. 9-Nov. 13.....	91		
Kansas:				
Kansas City.....	Nov. 6-13.....	1		
Massachusetts:				
Boston.....	do.....	1		
Michigan:				
Battle Creek.....	do.....	1		
Missouri:				
St. Louis.....	do.....	1		
Montana:				
Butte.....	Nov. 4-11.....	6		
North Carolina:				
Charlotte.....	Nov. 13-20.....	8		
Washington:				
Seattle.....	Nov. 6-13.....	1		
Wisconsin:				
Marinette.....	Nov. 13-20.....	1		

December 3, 1909

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SMALLPOX—FOREIGN.

Place.	Date.	Cases.	Deaths.	Remarks
Algeria:				
Bona.....	Oct. 1-31.....	2	1	
Brazil:				
Bahia.....	Oct. 8-15.....	15	11	
Para.....	Oct. 16-23.....	1	1	
France:				
Marseille.....	Oct. 1-31.....	2	1	
Indo-China:				
Saigon.....	Sept. 25-Oct. 2.....	1	1	
India:				
Madras.....	Oct. 16-22.....		2	
Rangoon.....	Oct. 2-23.....		4	
Mexico:				
Mexico City.....	Oct. 9-16.....		1	
Spain:				
Barcelona.....	Oct. 26-Nov. 8.....		4	
Tripoli:				
Tripoli.....	Sept. 25-Oct. 30.....	41	13	
Turkey:				
Constantinople.....	Oct. 24-31.....		1	
Smyrna.....	Sept. 18-24.....		111	
Uruguay:				
Montevideo.....	Sept. 1-30.....		9	

YELLOW FEVER.

Brazil:				
Para.....	Oct. 16-23.....	5	3	

CHOLERA.

India:				
Calcutta.....	Oct. 2-9.....		11	
Rangoon.....	Oct. 9-16.....		2	
Indo-China:				
Saigon.....	Sept. 25-Oct. 2.....	1	1	

PLAGUE.

Brazil:				
Bahia.....	Oct. 8-15.....	12	9	
Egypt, general.....	Oct. 15-28.....	16	2	
Port Said.....	Oct. 27.....	1	1	
India:				
Calcutta.....	Oct. 2-9.....		5	
Rangoon.....	Oct. 2-16.....		4	

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.